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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION I

5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

SEP 20 2011

Mark Carlino, P.E.
Director of Public Works/Town Engineer
Town of Manchester Department of Public Works
Lincoln Center
P.O. Box 191
Manchester, Connecticut 06103

Re: PCB Cleanup and Disposal Approval under 40 CFR §§ 761.61(a) and (c)
and § 761.79(h)
Manchester Parkade
Manchester, Connecticut

Dear Mr. Carlino:

This is in response to the Town of Manchester Department of Public Works (MDPW) Notification¹ for approval to clean up and dispose of PCB-contaminated building materials on buildings located at 324, 330, 334, and 340 Broad Street, Manchester, Connecticut. The Site contains PCB caulk that exceeds the allowable PCB levels under the federal PCB regulations at 40 CFR § 761.20(a) and § 761.62.

In its Notification, MDPW has proposed the following PCB cleanup and disposal plan:

- Remove and dispose of PCB caulk with greater than or equal to (\geq) 50 parts per million (ppm) in a TSCA-approved or RCRA hazardous waste landfill
- Former Bradlees Store:
 - Remove 12 inches of concrete masonry unit (CMU) or brick located adjacent to PCB caulk joints
 - Remove a concrete landing from the western door to a depth of 12 inches and to 12 inches away from the PCB caulk joint, to the width of the door

¹ The notification was prepared by TRC on behalf of the Town of Manchester Department of Public Works to satisfy the notification requirement under 40 CFR § 761.61(a)(3). Information was submitted dated April, 2011 (Self-Implementing On-Site Cleanup and Disposal Plan (SIDP)); and August 18, 2011 (Responses to Comments); and August 31, 2011 (Email response to comments). These submittals shall be referred to as the "Notification".

- Remove PCB-contaminated soils to a depth of 1 foot and width of 4 feet
- Vacant stores 3-14 – Remove 12 inches of asphalt and soil to depth of 12 inches and to 12 inches away from the PCB caulk joint, to the width of the door
- Remove and dispose of all *PCB remediation waste* (e.g., brick, concrete, CMU, and soil) as a ≥ 50 ppm PCB waste in a TSCA-approved or RCRA hazardous waste landfill

MDPW has determined that certain caulks and glazing which have PCB concentrations at less than ($<$) 50 ppm, meet the criteria for an *Excluded PCB Product* under § 761.3. Under the PCB regulations, *Excluded PCB Products* are authorized for use and thus there is no requirement for removal of the caulk and glazing or decontamination of surfaces that are in contact with the < 50 ppm caulk or glazing. While these building materials are not addressed in the Approval, MDPW is proposing to remove the PCB products containing PCBs with greater than ($>$) 1 ppm.

With the exception of the proposed verification sampling frequency for *porous surfaces* (i.e. brick, CMU, and concrete) the Notification meets the requirements and standards established under §§ 761.61(a), 761.62, and 761.79 for cleanup and disposal of *PCB remediation waste* and *PCB bulk product waste*.

With respect to the verification sampling frequency, based on the results of the PCB sampling to-date and the proposed cleanup and disposal approach, it appears that the proposed plan should be adequate to remove all PCB contamination with greater than 1 ppm prior to building demolition. As such, EPA has determined that it is reasonable to allow an alternative to the Subpart O verification sampling frequency requirement under § 761.61(a)(6). EPA finds that the alternative sampling proposed by MDPW will not create an unreasonable risk to public health or the environment. EPA may approve the alternative sampling under § 761.61(c).

MDPW may proceed with its cleanup in accordance with 40 CFR § 761.61(a); § 761.62; § 761.79(h); its Notification; and this Approval, subject to the conditions of Attachment 1.

This Approval only addresses cleanup and disposal of the *PCB bulk product waste* and *PCB remediation waste* identified in the Notification. In the event MDPW identifies other PCB contamination at the Site, including but not limited to, other non-liquid PCB products, or PCB-contaminated soils located in the former transformer areas, MDPW may modify its plan to clean up these PCBs in accordance with Attachment 1, Condition 15. Otherwise, MDPW shall submit a separate plan to address cleanup of the PCB materials in accordance with 40 CFR 761.

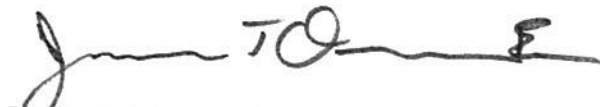
This Approval does not release MDPW from any applicable requirements of federal, state or local law, including the requirements related to cleanup and disposal of PCBs or other contaminants under the Connecticut Department of Energy and Environmental Protection (CT DEEP) regulations.

Questions and correspondence regarding this Approval should be directed to:

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527

EPA shall not consider this project complete until it has received all submittals required under this Approval. Please be aware that upon EPA receipt and review of the submittals, EPA may request any additional information necessary to establish that the work has been completed in accordance with 40 CFR Part 761, the Notification, and this Approval.

Sincerely,

A handwritten signature in black ink, appearing to read "James T. Owens III", with a stylized flourish at the end.

James T. Owens III, Director
Office of Site Remediation & Restoration

cc: Bob Romejko, TRC
Gary Trombly, CT DEEP
File w/o Attachment 2

Attachment 1 – PCB Approval Conditions

Attachment 2 – *Standard Operating Procedure For Sampling Porous Surfaces For Polychlorinated Biphenyls (PCBs), Rev. 4, May 5, 2011*

ATTACHMENT 1

**PCB CLEANUP AND DISPOSAL APPROVAL CONDITIONS
MANCHESTER PARKADE ("the Site")
324, 330, 334, AND 340 BROAD STREET
MANCHESTER, CONNECTICUT**

GENERAL CONDITIONS

1. This Approval is granted under the authority of Section 6(e) of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2605(e), and the PCB regulations at 40 CFR Part 761, and applies solely to the *PCB bulk product waste* and the *PCB remediation waste* located at the Site and identified in the Notification.
2. The Town of Manchester Department of Public Works (MDPW) shall conduct on-site activities in accordance with the conditions of this Approval and with the Notification.
3. In the event that the cleanup plan described in the Notification differs from the conditions specified in this Approval, the conditions of this Approval shall govern.
4. The terms and abbreviations used herein shall have the meanings as defined in 40 CFR § 761.3 unless otherwise defined within this Approval.
5. MDPW must comply with all applicable federal, state and local regulations in the storage, handling, and disposal of all PCB wastes, including PCBs, PCB Items and decontamination wastes generated under this Approval. In the event of a new spill during response actions, MDPW shall contact EPA within 24 hours for direction on PCB cleanup and sampling requirements.
6. MDPW is responsible for the actions of all officers, employees, agents, contractors, subcontractors, and others who are involved in activities conducted under this Approval. If at any time MDPW has or receives information indicating that MDPW or any other person has failed, or may have failed, to comply with any provision of this Approval, it must report the information to EPA in writing within 24 hours of having or receiving the information.
7. This Approval does not constitute a determination by EPA that the transporters or disposal facilities selected by MDPW are authorized to conduct the activities set forth in the Notification. MDPW is responsible for ensuring that its selected transporters and disposal facilities are authorized to conduct these activities in accordance with all applicable federal, state and local statutes and regulations.
8. This Approval does not: 1) waive or compromise EPA's enforcement and regulatory authority; 2) release MDPW from compliance with any applicable requirements of federal, state or local law; or 3) release MDPW from liability for, or otherwise resolve any violations of federal, state or local law.

NOTIFICATION AND CERTIFICATION CONDITIONS

9. This Approval may be revoked if the EPA does not receive written notification from MDPW of its acceptance of the conditions of this Approval within 10 business days of receipt.
10. MDPW shall submit the following information for EPA review and/or approval:
 - a. a certification signed by its selected contractor, stating that the contractor(s) has read and understands the Notification, and agrees to abide by the conditions specified in this Approval;
 - b. a contractor work plan, prepared and submitted by the selected demolition or abatement contractor(s) describing the containment that will be employed during abatement activities. This work plan should also include information on how and where wastes will be stored and disposed of, and on how field equipment will be decontaminated; and,
 - c. a certification signed by the selected analytical laboratory, stating that the laboratory has read and understands the extraction and analytical methods and quality assurance requirements specified in the Notification and in this Approval.

REMEDIAL AND DISPOSAL CONDITIONS

11. To the maximum extent practical, engineering controls, such as barriers, and removal techniques, such as the use of HEPA ventilated tools, shall be utilized during removal processes. In addition, to the maximum extent possible, disposable equipment and materials, including PPE, will be used to reduce the amount of decontamination necessary.
12. PCB-contaminated materials shall be decontaminated and confirmatory sampling and analysis shall be conducted as described below:
 - a. All visible residues of PCB caulk (i.e. *PCB bulk product waste*) shall be removed as described in the Notification.
 - b. The cleanup standard for *porous surfaces* (e.g., brick) and soil shall be less than or equal to (\leq) 1 part per million (ppm).
 - i) All post-cleanup verification sampling for *porous surfaces* shall be performed on a bulk basis (i.e., ppm) and reported as a dry weight analysis. Verification sampling for *porous surfaces* shall be conducted in accordance with the EPA Region 1 *Standard Operating Procedure For Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs) Revision 4, May 5, 2011*, at a maximum depth interval of 0.5 inches. Verification sampling shall be conducted at a frequency of 1 sample per every 10 linear feet.

- ii) Bulk *PCB remediation waste* (i.e. soil) samples shall be collected on a bulk basis (e.g. mg/kg) and reported on a dry-weight basis. Verification sampling shall comply with Subpart O; samples shall be collected from both excavation bottoms and sidewalls, as applicable.
 - c. Chemical extraction for PCBs shall be conducted using Methods 3500B/3540C of SW-846; and, chemical analysis for PCBs shall be conducted using Method 8082 of SW-846, unless another extraction/analytical method(s) is validated according to Subpart Q.
13. All PCB waste (regardless of concentration) generated as a result of the activities described in the Notification, excluding any decontaminated materials, shall be marked in accordance with § 761.40; stored in a manner prescribed in § 761.65; and, disposed of in accordance with 40 CFR § 761.61(a)(5) or § 761.62, unless otherwise specified below:
- a. Decontamination wastes and residues shall be disposed of in accordance with 40 CFR § 761.79(g).
 - b. Moveable equipment, tools, and sampling equipment shall be decontaminated in accordance with either 40 CFR § 761.79(b)(3)(i)(A), § 761.79(b)(3)(ii)(A), or § 761.79(c)(2).
 - c. PCB-contaminated water generated during decontamination shall be decontaminated in accordance with 40 CFR § 761.79(b)(1) or disposed of under § 761.60.

INSPECTION, MODIFICATION AND REVOCATION CONDITIONS

- 14. MDPW shall allow any authorized representative of the Administrator of the EPA to inspect the Site and to inspect records and take samples as may be necessary to determine compliance with the PCB regulations and this Approval. Any refusal by MDPW to allow such an inspection (as authorized by Section 11 of TSCA) shall be grounds for revocation of this Approval.
- 15. Any proposed modification(s) in the plan, specifications, or information in the Notification must be submitted to EPA no less than 14 calendar days prior to the proposed implementation of the change. Such proposed modifications will be subject to the procedures of 40 CFR § 761.61(a)(3)(ii).
- 16. Any departure from the conditions of this Approval without prior, written authorization from the EPA may result in the revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

17. Any misrepresentation or omission of any material fact in the Notification or in any records or reports may result in the EPA's revocation, suspension and/or modification of the Approval, in addition to any other legal or equitable relief or remedy the EPA may choose to pursue.

RECORDKEEPING AND REPORTING CONDITIONS

18. MDPW shall prepare and maintain all records and documents required by 40 CFR Part 761, including but not limited to the records required under Subparts J and K. A written record of the decontamination and the analytical sampling shall be established and maintained by MDPW in one centralized location, until such time as EPA approves in writing a request for an alternative disposition of such records. All records shall be made available for inspection to authorized representatives of EPA.
19. MDPW shall submit a final report to the EPA within 60 days of completion of the activities authorized under this Approval. At a minimum, this final report shall include: a short narrative of the project activities; characterization and confirmation sampling analytical results; copies of the accompanying analytical chains of custody; field and laboratory quality control/quality assurance checks; an estimate of the quantity of PCB waste disposed of and the size of the decontaminated area(s); copies of manifests; and, copies of certificates of disposal or similar certifications issued by the disposer.
20. Required submittals shall be mailed to:

Kimberly N. Tisa, PCB Coordinator (OSRR07-2)
United States Environmental Protection Agency
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3912
Telephone: (617) 918-1527
Facsimile: (617) 918-0527
21. No record, report or communication required under this Approval shall qualify as a self-audit or voluntary disclosure under EPA audit, self-disclosure or penalty policies.

END OF ATTACHMENT 1

